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| Filing Date | 2000-09-18 |
| First Named Inventor | John C. Bell |
| Art Unit | 1645 |
| Examiner Name | Robert A. Zeman |
| Attorney Docket Number | 18003 |

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Pending claims from Application No. 11/671,498.



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| RZ | 1 | 20040170607 | | 2004-09-02 | Bell, John C. et al. | |
| RZ | 2 | 20030165465 | | 2003-09-04 | Roberts, Michael S. et al. | |
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